



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

RECEIVED  
By Carol Day at 3:11 pm, Apr 02, 2013

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102473	PRINTER SN 08C.3527.124	DATE OF INSPECTION 03/30/2013
LOCATION OF INSTRUMENT (STREET AND CITY) 1010 N. Boonville Springfield (Tahoe # 643)		TIME OF INSPECTION 9:16 pm

**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Laboratories LOT # 13010 EXP. DATE 01/09/2015

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2219 SIMULATOR EXP DATE 06/07/2013

☒ CALIBRATION CHECK -- (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- ☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE  
☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE  
☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ➡ .098

TEST 2 ➡ .098

TEST 3 ➡ .098

☒ RFI DETECTOR OPERATING

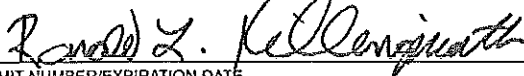
INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	1	(.10-.14)	0	(.15-.19)	1	(OVER .19)	1
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Time adjusted for Daylight Savings Time

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Ronald L. Killingsworth
TYPE II PERMIT NUMBER/EXPIRATION DATE 210079 / 05/24/2013	TELEPHONE NUMBER (417) 829-6216

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901



**GUTH LABORATORIES, INC.**

530 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-554-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13010 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 14, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is January 9, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

**NIST Traceability:**

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.  
All balances are calibrated annually by an outside agency using NIST traceable weights.  
Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 102473  
Version no: 004C

TEST RECORD 00923

Temp Date Time 210L

Air Blank:  
03/30/13 21:16 .000

Calibration:  
23 03/30/13 21:16 .098

Subject Name

Ronald L. Killingsworth

Subject I.D.

DSN-365

Operator Name, I.D.

210079/05-24-13

Location

1010 N. Bonville

Tahoe #643

AS IV Serial no: 102473  
Version no: 004C

TEST RECORD 00924

Temp Date Time 210L

Air Blank:  
03/30/13 21:18 .000

Calibration:  
25 03/30/13 21:18 .098

Subject Name

Ronald L. Killingsworth

Subject I.D.

DSN-365

Operator Name, I.D.

210079/05-24-13

Location

1010 N. Bonville

Tahoe #643

AS IV Serial no: 102473  
Version no: 004C

TEST RECORD 00925

Temp Date Time 210L

Air Blank:  
03/30/13 21:19 .000

Calibration:  
26 03/30/13 21:19 .098

Subject Name

Ronald L. Killingsworth

Subject I.D.

DSN-365

Operator Name, I.D.

210079/05-24-13

Location

1010 N. Bonville

Tahoe #643

AS IV Serial no: 102473  
Version no: 004C

TEST RECORD 00926

Temp Date Time 210L  
a/

Void: RFI  
12 03/30/13 21:20

Subject Name

Rendell Kilgusworth

Subject I.D.

DSN-365

Operator Name, I.D.

210079 / 05-24-13

Location

1010 N. Boonville

Tahoe # 683

P E R M I T  
T Y P E I I

RONALD L KILLINGSWORTH

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER; AS-IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 05/24/2011

Number 210079

Expires 05/24/2013

MO 580-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)